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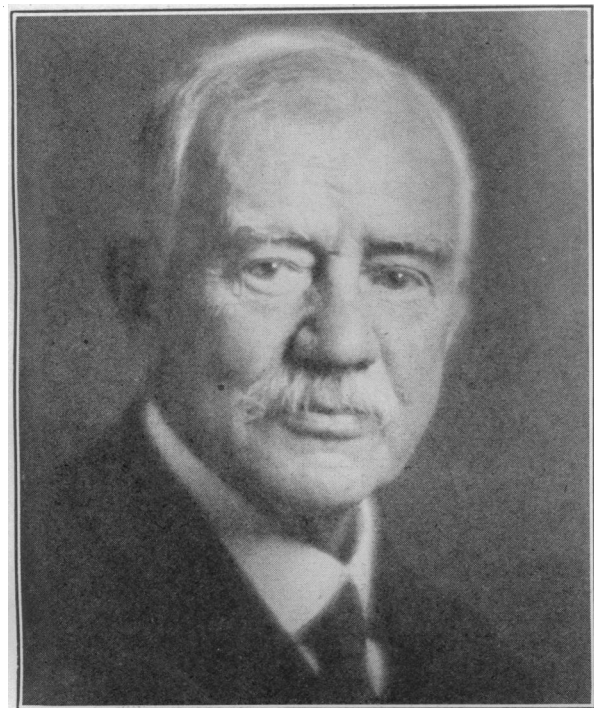
No. 3

THE FIFTY-SIXTH ANNUAL SESSION OF THE CALIFORNIA MEDICAL ASSOCIATION

LOS ANGELES BILTMORE, APRIL 25 TO 28

THE Los Angeles County Medical Association, through its committee of arrangements of the California Medical Association at Los Angeles, April 25 to 28 (inclusive), reports a splendid program for the meeting, in addition to the usual excellent routine work of the sections, the official business of the Council and House of Delegates. All of the committees announced in the last issue of CALIFORNIA AND WESTERN MEDICINE have their work completed or as far advanced as is possible at this date.

The session will really be opened on Sunday, April 24, by Howard A. Kelly, Professor Emeritus of Gynecology at Johns Hopkins. Doctor Kelly has been for many years a leader in Baltimore of the militant Christians who are striving for civic righteousness and religious living. He will occupy the pulpits of Los Angeles churches, morning and evening, Sunday, April 24. Hundreds of our fellows and guests will enjoy hearing this fine old Christian warrior from the pulpit as much or more than they will enjoy his address on a professional subject at the morning session on Wednesday. Howard Kelly is known to every medical man and woman in America, either personally or through his excellent textbooks on gynecology and abdominal surgery.



HOWARD A. KELLY

The official opening session will be held at the Biltmore Hotel Monday. President W. T. McArthur is always an interesting speaker and this year he will present some very important matters for consideration. President-Elect Percy T. Phillips will follow with a discussion of other matters of importance to all physicians.

The section officers have secured an unusual list of strong speakers. Donald C. Balfour of the Mayo Clinic will discuss "The Treatment of Gastric Ulcer." George Middleton of Salt Lake will consider "The Goiter Problem." R. S. Dinsmore of Cleveland will discuss "The Preoperative and Post-operative Care of Goiter Patients."

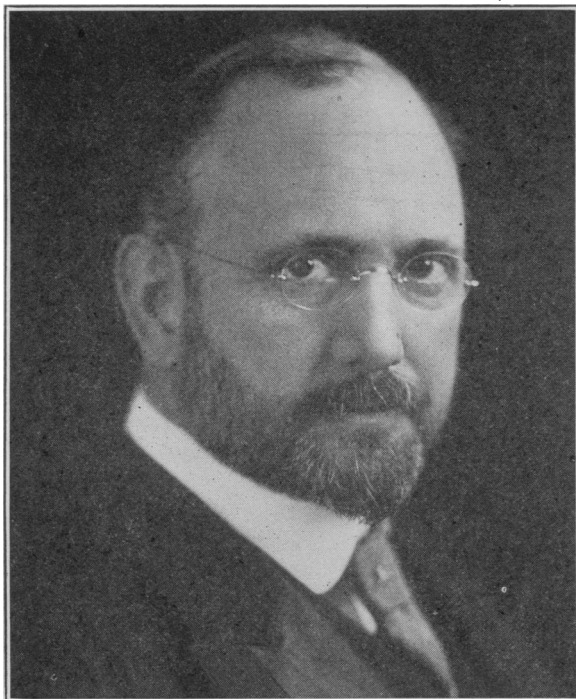
These men come as guests of the surgical section. H. J. Gerstenberger of Cleveland will be the guest

of the section on pediatrics. Charles G. Sutherland of Rochester and Charles F. McGuffin of Calgary, Canada, will be the guests of the section on radiology. Arthur L. Bloomfield, Professor of Medicine at Stanford, is the guest of the section on medicine. All of these men are outstanding in their several sections, and will take part in the discussions as well as giving their own addresses. The subjects of these addresses as well as a complete program of the entire session will be published in the next issue of CALIFORNIA AND WESTERN MEDICINE.

For the general sessions on Tuesday and Wednesday, the Los Angeles committee has provided Howard A. Kelly, Stuart McGuire of Richmond and J. B. Herrick of Chicago. Surgeon General Hugh S. Cumming of the U. S. Public Health Service and Hubert Work, Secretary of the Interior, expect to arrive from Honolulu in time for this meeting, and they have promised to be present if their

itinerary will permit. It is highly probable that both will come.

W. A. Evans, formerly Health Commissioner of Chicago, formerly Professor of Pathology at the University of Illinois, now Health Editor of the Chicago *Tribune*, the sanest writer of syndicate articles on health topics in America, will be the principal speaker at a large *public meeting* at the Philharmonic Auditorium on Tuesday evening.



W. A. EVANS

Doctor Evans has the peculiar faculty of making the medical point of view interesting and attractive to public audiences. Californians need particularly such messages as Doctor Evans gives.

The scientific moving pictures, which will be shown on Monday and Wednesday nights, is a feature never before tried at a California state meeting. No picture will be shown twice. Among those already selected by Henry Snure, chairman of the subcommittee on moving pictures, will be the Interstate Post Graduate Assembly European Clinic Tour of 1926, which shows hospitals, clinics and points of interest of this tour. Further selection will be announced in the April issue of CALIFORNIA AND WESTERN MEDICINE.

It is hoped that the scientific exhibit may be made an outstanding feature of the meeting. Good space will be provided. Those wishing information should apply to W. H. Kiger, 523 West Sixth Street, Room 712, Los Angeles.

The commercial exhibit will be held at the Biltmore. It will excel that given there three years ago, which was of outstanding excellence. Address W. R. Molony, 304 South Broadway, Room 222, Los Angeles, for space.

Entertainment for visiting ladies will be pro-

vided for three afternoons. A reception will be given at the home of President and Mrs. W. T. McArthur, a visit to a working moving picture studio and a card party and tea at a country club.

The banquet and ball will be held at the Biltmore on Thursday night. It is planned that all of the living past presidents of the Association will be present. George H. Kress is in charge, a sufficient guarantee of its excellence.

C. G. Toland, chairman, and the subcommittee on golf have arranged for special games and prizes are to be awarded.

Clinics will be given in at least five hospitals, the hours ranging from 7:30 to 10.

Los Angeles welcomes the physicians of the Rocky Mountains and Pacific Slope for this meeting. It is rare indeed that a state association can present a program of such interest as is now assured. Every medical man and woman who can come will be amply repaid in rest, recreation, and professional benefit.

Complete announcement of all features will be made in the April issue of CALIFORNIA AND WESTERN MEDICINE.

The following is a list of some of the hotels of Los Angeles with rates European plan:

	Rate Per Day
Anditorium, Fifth and Olive.....	\$1.00 up
Ambassador, Seventh and Wilshire.....	4.00
Hotel Alvarado, 2065 West Sixth.....	2.00
Alexandria, Fifth and Spring.....	2.50
Biltmore, Fifth and Olive.....	5.00
Baltimore, Fifth and Los Angeles.....	1.00
Chapman, 301 East Fifth.....	1.50
The Californian, 1907 West Sixth.....	2.50
Hotel Chancellor, 3191 West Seventh Street.....	3.00
Chelsea Hotel, 504 South Bonnie Brae.....	2.50
(This includes breakfast)	
Hotel Cecil, 640 South Main Street.....	1.50
Hotel Clark, 426 South Hill Street.....	3.00
Continental, 626 South Hill.....	1.00
Christie Hotel, 6732 Hollywood Boulevard.....	2.50
Commodore Hotel, 1201 West Seventh Street.....	2.50
Congress Hotel, Eighth and Flower.....	1.00
Hotel Figueroa, 939 South Figueroa Street.....	2.00
Gothan, 975 Ingraham.....	2.00
Gates Hotel, Sixth and Figueroa.....	1.50
Hayward Hotel, Sixth and Spring.....	2.00
Haggards Bachelor, 320 West Fifth Street.....	1.00
Ingraham Hotel, 1045 Ingraham.....	1.50
King Edward Hotel, 121 East Fifth Street.....	1.50
Leighton Hotel, 2127 West Sixth Street.....	2.00
Lee Hotel, 822 West Sixth Street.....	1.50
Lankershim Hotel, Seventh and Broadway.....	1.50
Mayfair Hotel, 1256 West Seventh Street.....	4.00
Munn Hotel, 438 South Olive.....	1.50
The Men's Hotel, 928 West Eighth Street.....	7.00 up
(per week)	
Miramar Terrace (American Plan), 2000	
Miramar Street.....	2.50 up
Hotel Normandie, Sixth and Normandie.....	3.00 up
Northern Hotel, 420 West Second Street.....	1.50
Oviatt Hotel, 1315 South Flower Street.....	1.00
Hotel Park Vista, 626 South Alvarado Street.....	2.00
Ponet Hotel, 215 East Fifth Street.....	1.00
Hotel President, 907 West Second Street.....	1.00
Rosslyn Hotel, Fifth and Main Streets.....	1.50
Hotel Ritz, 813 South Flower Street.....	2.50
Savoy Hotel, Sixth and Grand Ave.....	3.00
Southland Hotel, Sixth and Flower.....	1.00
Shoreham Hotel (American Plan), 666 South	
Carondelet.....	5.00 up
Stowell Hotel, 416 South Spring Street.....	2.00

Stillwell Hotel, 838 South Grand Avenue.....	2.00
St. Regis, Sixth and Witmer.....	2.50
Trinity Hotel, 851 South Grand Avenue.....	1.50
Van Nuys Hotel, Fourth and Main Streets.....	1.50
Women's Hotel, 639 South Grand Avenue.....	1.00

THE ETIOLOGY AND PATHOLOGY OF CHRONIC DEFORMING ARTHRITIS

AS FORECAST BY CLINICAL AND LABORATORY
OBSERVATIONS†

By JOHN V. BARROW AND EUGENE L. ARMSTRONG *

THIS paper will confine itself to the clinical expression, therapeutic sign-posts, and laboratory study of 245 cases of chronic arthritis of the deforming type. The deformity produced is in the nature of bone destruction, compensatory hypertrophy, and spastic irritation to all component joint structures. Exostoses, lipping, spurs and contractures are common factors in the disease under consideration. Specifically, this study does not deal with any of the acute septic arthritides as occasioned by the acute streptococcic tonsil, the gonococcal genitourinary tract, or any bacterial inflammatory focus.

The arthritic process in these cases seems to violate the known laws of bacterial infections. It does not seem to be of the inflammatory habit but it is rather in the nature of a toxic process having lytic, allergic, irritative and proliferative powers. The destruction is largely lytic in nature. The toxin or organism or substance is irritative and produces a marked effect on every tissue involved in the total structure of the joint. The proliferative exostoses

are probably compensatory or, at most, simply the result of stimulation in a destructive area, accompanied by a generalized capillary stasis.

The pathologic change produced in the total joint structure indicates that the etiologic factor has proceeded from the marrow or end-arterial tissue toward the periphery. The central bone injury indicates blood-borne factors, viz., toxins with lytic destructive powers, or some organism capable of elaborating lytic, destructive or irritative substances. Clinical and therapeutic observations combine with those of the laboratory in tracing the origin of this thing or substance more plausibly back to the gastrointestinal tract than to any other system in the human economy. Toward the support of the foregoing contentions this study is earnestly directed.

We are not to be construed as announcing a known and proved etiology of this form of chronic disease. We think we have observed correctly certain constants, which by the mathematical law of choice and chance tend to point to the joint pathology as an end product of an etiology established elsewhere. We believe the entire human organism as a system is affected and that the joint symptoms and changes are the most predominant and outstanding expression in this systemic disease.

The etiologic factor is not an acute one. Its first influence is on normal physiology, and its diabolical clinical and pathologic manifestations are first noticed necessarily months to years after the causative factors have been steadily or intermittently at work. The etiology will be found in a chain of factors much more complex than staphylococci in a boil, diplococci in the meninges, or even streptococci on the heart valves. This disease attacks the whole body by systems. Clinically, first to show physiologic changes and derangements is the gastrointestinal tract.

Two hundred and forty-five carefully studied cases are reported here. By the complaints of the patients, by the physical examination and by laboratory and roentgen-ray demonstrations, 235 of the cases, or 96 per cent, were definitely gastrointestinal cases first. They might well have been placed into a great "colon conscious" group. The foregoing factor is one of the first "constants" in the study of this disease. The literature abounds in the confirmation of this statement by practically all authors in their study of chronic deforming arthritis of Ely's¹ classification as type 2.

Table 1 shows the outstanding ailments accompanying the 245 arthritic cases studied here.

TABLE I—PRINCIPAL AILMENTS ACCOMPANYING
THE CASES OF ARTHRITIS

	Number	Per Cent
Chronic irrititis and arthritis.....	8	3.2
Chronic tonsillitis and arthritis.....	9	3.6
Chronic bronchitis and arthritis.....	10	4.0
Chronic hypertension and arthritis.....	12	4.8
Chronic cholecystitis and arthritis.....	23	9.3
Chronic colon stasis and arthritis.....	25	10.2
Chronic appendicitis and arthritis.....	35	14.2
Chronic "colon conscious" and arthritis..	235	96.0

The principal presenting symptoms are disturbances in the colon by quantities of gas, which pro-

† Read before the Section on Pathology and Physiology at the Seventy-Seventh Annual Session of the American Medical Association, Dallas, Texas, April, 1926.

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